

BIOSOLIDS MANAGEMENT REVIEW OF EMS PERFORMANCE

Owner: City of Fort Worth
Project: Long-Term Solids Dewatering, Processing and Disposal
Project #: PS46-070460300020
Contractor: REI Environmental, Inc.
Date: 11/29/06 **Time:** 2:00 pm

Present:	<u>Name</u>	<u>Representing</u>	<u>Name</u>	<u>Representing</u>
	Gary Rockers	City of Fort Worth	Justin Harkrader	REI
	Gary Burton	City of Fort Worth	Dennis Haar	Halff Associates Inc.
	Buster Fichera	City of Fort Worth	Jeana Booker	Halff Associates Inc.
	Jerry Pressley	City of Fort Worth		

The second annual Biosolids Management Review of EMS Performance was conducted at Village Creek Wastewater Treatment Plant (VCWWTP). The review was conducted in accordance with EMS Element 17.0. The purpose of the meeting was to review the biosolids management program and the EMS performance in order to drive continual improvement.

Past Performance:

A summary of the past year's accomplishments and performance was given and is covered in the draft copy of the FY 2005-06 Biosolids Management Program and EMS Performance Report, which was distributed. The EMS Performance Report summarizes the biosolids program performance, biosolids production and reuse, goals and objectives, contractor performance, monitoring and measurement results, legal requirements, emergency responses, public outreach, future plans in biosolids technology, and commitment toward continual improvement. Each topic in the report was briefly discussed in the meeting.

Goals and Objectives:

- 1. 100% Beneficial Reuse of Class A Biosolids:** Remove thermophilic digestion from alternative methods to produce Class "A" biosolids. Adjust anticipated completion dates to reflect current status.
- 2. Comply with all Federal, State and Local Regulatory Requirements:** Adjust anticipated completion dates to reflect current status.
- 3. Increase Public Awareness and Participation:** The Odor related objectives (a), (b) and (c) will be moved and classified under goal (4) Improve Biosolids Quality. The City and REI will look at setting up a booth at the Fort Worth Livestock Show to give information about the biosolids program. This booth may include hay bales produced at applications sites and information showing the "before and after" nutrient data at some application sites. Adjust anticipated completion dates to reflect current status.
- 4. Improve Biosolids Quality:** The Odor related objectives (a), (b) and (c) will be classified under this goal. The objectives moved include (a) VCWWTP Odor Control and Corrosion Study (Phase II), (b) Research additional odor control for biosolids land application, and (c) Evaluation of odor controlling enzymes used in land fills. Remove increased organic loading of table scraps from the evaluation of new wastewater streams. Adjust anticipated completion dates to reflect current status.

Gary Rockers (Biosolids EMS Manager) and Halff Associates Inc. will make the proposed changes to Goals and Objectives Summary Table. The table will then be distributed for additional comments before adding it to the EMS Manual.

EMS Audit Results:

An Internal Audit was held on June 6-7, 2006, and the Interim Audit was held two weeks later on June 13-15, 2006. A total number of twenty-two (22) CANs were recorded this year. Six (6) were produced during the Internal Audit, and fourteen (14) were during the Interim Audit. According to the EMS Performance Report, twenty (20) Corrective Action Notices (CANs) remain open; however, the City is still working on the final 2005-2006 EMS performance report and many of these CANs can be closed out. The EMS performance report will be updated before a final copy is produced.

TPDES Plant Permit:

The TPDES Permit No. WQ0010494013 (TX0047295) for the Village Creek Waste Water Treatment Plant is in the process of being renewed. The plant is operating under the current permit until the signed permit is received from TCEQ.

Emergency Actions and Responses:

For the second consecutive year and after traveling over 1,000,000 miles, the contractor recorded no spills while transporting the biosolids to land application sites. Village Creek Waste Water Treatment Plant updated and modified the plant emergency response plans this year (03/30/06), including action plans, standard operating procedures (SOPs), check lists, and operational changes. These plant emergency response plans will be used in the event of an emergency. In addition, REI is updating and modifying their emergency response plans for their operations and activities.

Corrective Action Notices:

All but two (2) CANs are associated with the audits previously discussed. The other two CANs dealt with the Fecal Detects early in the year and have been closed.

Public Participation:

A public forum was held on October 30, 2006 in an effort to obtain public opinion and comments in accordance with the goals and objectives. However, due to lack of attendance, other outreach methods are being considered. A booth at the Fort Worth Stock Show is one option under investigation.

Please review these minutes. Should you find a discrepancy or omission, please notify the Resident Engineer in writing within ten days of memorandum date. Following that date the minutes will stand as shown or corrected.

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